

(1639)

IV. Observations of the Weather, made in a Voyage to China. Ann. Dom. 1700. by Mr James Cunningham, F. R. S.

Day of the Month.	Therm. Altitud. below extremum Heat.	Philof. Barom. N. or S. Altitud.	Latitude	Longitude East from St Jago.	Needles Variation East or West.	Inclin. or Depression of the N or S point under the Horizon.	Winds.	Weather.
Jan. 31.	5 Dif.		1° 26' N	6° 16' E		8° 30' N	Variable Breezes, and 10 Hours calm	Rainy and Cloudy
Febr. 1.	4		1° 18' N	6° 11' E			N S by W S W by S and 16 hours Calm.	Rainy and cloudy with Lightning
2.	5		1° 14' N	6° 13' E			Variable Breezes, and 11 Hours calm	Fair
3.	5		1° 07' N	5° 57' E			Variable	Fair with Rain at noon
4.	2		0° 27' N	5° 49' E			Variable	Fair and cloudy, Rain in the forenoon
5.	4		0° 00'	5° 44' E			Variable with 9 hours calm	Rainy and cloudy
6.	4		0° 30' S	5° 35' E			Variable with 4 hours calm	Fair and cloudy with some Rain
7.	5		1° 46' S	5° 08' E		3° 30' S	Small Gales from E by S to S.E by S	Fair and cloudy
8.	4 ½		3° 00'	S 4° 56' E			East Gales from E by S to S.E by E	Fair and pleasant
9.	5		4° 29'	S 4° 19' E			East at E S E, and S E by E	Fair and pleasant
10.	5		5° 57' S	S 3° 54' E		10° 00' S	East at S E by E and S E	Fair and pleasant
11.	6		7° 10' S	S 3° 05' E	20° 17' E		Fine Gales S E by E	Fair and pleasant
12.	6		8° 46'	S 2° 22' E	20° E		E S E fin:	Fair and pleasant
13.	8		10° 29'	S 3° 37' E	2° 50' E		E S E and E by S	Fair and pleasant with one Shower
14.	7		12° 05'	S 1° 20' E	3° 30' E		E by S and E	Fair and cloudy with some Squales
15.	7 ½		13° 44'	S 1° 10' E	4° 12' E		E by N to E S E	Fair with one Squale
16.	7 ½		15° 09'	S 1° 10' E	4° 10' E	19° 00' S	E by S and E	Fair and pleasant
17.	8		16° 32'	S 1° 14' E	4° 52' E		E	Fair and pleasant
18.	8 ½		18° 01'	S 1° 19' E	5° 14' E		E	Fair and cloudy with one Shower
19.	7 ½		19° 14'	S 1° 29' E	5° 42' E	30° 00' S	E by S to E b; N	Fair with one Shower
20.	8		20° 05'	S 1° 15' E	6° 18' E		SE by E; O by N (last)	Fair and cloudy with several Squales
21.	7		21° 16'	S 1° 35' E			NN E to E by N east	Fair with 2 Showers Weather.

(1640)

Weather.	Winds.	Needles Inclin. or Declin. of the Variation N or S point under the Horizon.	Needles prefis. of the Variation East or West.	Longitude East from S. Jago.	Latitude N. or S.	Philos. Barom.	Altitud	Therm. below extreme Heat.	Altitud Day of Month.
Fair with shower	N N.E to E by N		7 02 E	1 54 E 22° 23' S				7	22
Fair and pleasant	N N.E to N N.W			2 39 E 23° 47' S				5	23
Fair and pleasant	N N.E to N E by E			3 28 E 24° 21' S				5	24
Fair and pleasant	N E by N to N N.E		39 00 S 8 00 E	4 09 E 26° 38' S			6 ¹	25	
Fair and pleasant	N E by E to N			4 52 E 27° 49'			6 ¹	26	
Fair and pleasant	N to N W			6 07 E 29° 16' S			8	27	
Fair sometimes cloudy	W N W to W S W			7 34 E 30° 01' S			8	28	
Cloudy & squally with Rain and Lightning	W N W to N by E fresh			10 20 E 31° 26' S			10 ¹	29	
Squally with much Rain & some Thunder				11 49 E 31° 10' S	8		12 ¹	March 1	
Uncertain with Thunder and Rain	N W to W moderate		42 00 S 4 50 E	1 57 E 31° 16' S	10	13	2		
Fair and cloudy	W to N W moderate			10 04 E 31° 13' S	14	17 ¹	3		
Cloudy and squally	W to S fresh			17 51 E 3° 26' S			23 ¹	4	
Squally and cloudy	S by E to S E by E			17 17 E 30° 58' S	19 ¹		26	5	
Fair and cloudy	E S E and E by S			3 05 E 17 08 E 32° 07 S	20	24	6		
Fair and cloudy	E by S to E by N moderate			16 54 E 33° 06'	26	23	7		
Fair and cloudy	E by N to S E by E small			18 26 E 2° 4	32	32	8		
Fair and cloudy	S E to S S W moderate			10 42 E 32° 43'	38 ¹	33	9		
Close and squally	S to S S W blowing hard			21 13 E 32° 27'	34	29	10		
Gray and cloudy	S by E and S moderate			22 32 E 32° 01' S	32 ¹	29	11		
Squally, close and cloudy	S by E to S E by E			2 23 E 32° 36'	33 ¹	28 ¹	12		
Dry, close and cloudy	S S E to E by S			22 42 E 33° 42'	34	27	13		
Fair and close	E by S to E by N fresh			1 15 E 23 22 E 34 08 S	31	26	14		
Fair and close	Variante and small			0 57 E 25 20 E 34 19 S	30	26	15		
Fair and serene, tame times close	N to N W by N fresh			0 20 E 27 45 E 34 36 S	30	24	16		
Fair and serene	N by W to N N E			0 22 W 29 48 E 34 54 S	30	25	17		
Fair and serene, this forenoon cloudy	N by E to N N W a fine Gale			47 00 S 1 19 W 33 27 E 34 59 S	30	25 ¹	18		
Thick and Squally tail forenoon fair	N N W to S W and S by W			3 6 25 E 34 44 S 38	34	19			
Fair and cloudy	S W to N W fresh			6 25 W 37 45 E 34 22 S 31 ¹	26	20			
Fair and cloudy	N W by N to W fresh			39 04 E 34 29 S 3	28	21			
Fair and sometimes cloudy	W to S S E fine			41 31 E 34 08 S 42	37	22			
V. W. weather	S to W S W fine			7 05 W 43 45 E 34 35 S 36	39	23			
Fair and pleasant	S S W W S W small			8 20 W 45 06 E 34 08 S 32	26 ¹	24			
Variante	S W by S to S E by S fresh			8 52 W 47 02 E 33 58 S 30 ¹	27	25			
Fair and cloudy	S E by S to S by W moderate			9 43 W 48 32 E 33 35 S 26 ¹	25 ¹	26			
	K W by S to S moderate			10 39 W 49 56 F 33 58 S 29	27	27			Day

(1641)

Day of the Month:	Therm. Altitud below ex-tream Heat.	Barom. Altitud	Philos. Latitude N. or S.	Longitude from St Jago	Needles Variation E. or W.	Needles In-clin. or Depression of the N. or S. point under the Horiz n.	Winds.	Weather.
28	35 $\frac{1}{2}$	30 $\frac{1}{2}$	34 03 S	50 36 E			S W by S to S. by W small	Fine moderate Weather
29	33	34 $\frac{1}{2}$	34 03 S	50 36 E			S E small, sometimes fresh	Fair and pleasant
30	30	31	34 03 S	50 36 E		48 00 S	S W to S E most part calm	Fair and pleasant
31	26	25	34 03 S	50 36 E			Variable Breezes and calm	Fair and pleasant
April 1			A the Cape				S to S E small	The same
2			at				S E small	The same
3			Goud	Hope			S E and S E by S moderate	The same
4							S E and S S E small and calm	The same
5							S E by S small, at night fresh	The same
6							S E small	The same
7							Variable and calm	The same
8	30 $\frac{1}{2}$	34					Calm, at night blowing fresh	The Forenoon foggy, Afternoon clear'd up
9							S S E and by E blowing hard	Fair and hazy
10							S S E and Gales	Fair and pleasant
11	31	29	34 45 S	50 43 W			S E by S to N E moderate	Fair and gray
12	26	28	35 01 S	50 25 W	II 39. W		Variable and small	Fair and cloudy
13	33	42 $\frac{1}{2}$	35 30 S	50 08 W			S S E to S E by E moderate	Squally
14	34 $\frac{1}{2}$	44 $\frac{1}{2}$	36 52 S	50 36 W			S E to E by N	Variable
15	25 $\frac{1}{2}$	29	37 51 S	50 13 W			E to E N E small	Fair and cloudy
16	27	31 $\frac{1}{2}$	37 57 S	50 03 E	II 40 W		S by E to S W by E small sometimes calm	Variable
17			37 41 S	50 38 E			S S W to E S E	Variable
18	31	38	38 43 S	50 29 E			E by S to E N E small	Fair and close
19	26	34	39 53 S	50 50 E			E by S to N E by N moderate	Fair and cloudy
20	31	39	40 42 S	50 58 E			N E by E to E by S moderate	Cloudy and overcast
21	32 $\frac{1}{2}$	34	41 06 S	50 49 E			N E by E to N E by N east	Moderate Weather
22	40	45 $\frac{1}{2}$	39 52 S	50 06 E			W S W to S E fresh	Variable
23	38	44	38 51 S	II 34 E	19 06 W		S E to S S E small	Fair and cloudy
24	32	33 $\frac{1}{2}$	39 09 S	II 50 E			S E to N N F small	Fair and pleasant
25	39 $\frac{1}{2}$	41	39 14 S	14 37 E			Variable Gales	Fair and cloudy

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Weather

Weather.	Winds.	Needles In- clined, or De- pression of the N. or S. point under the Horizon.	Variation E. or W.	Needles Inclined, or De- pression of the N. or S. point under the Horizon.	Longitude East from the Cape of Good Hope.	Latitude N. or S.	Philos. Barom.	Altitude Ex- trem	Therm. Altitud	Day below the Month.
Variable with Rain and Hail.	W by N to S W blow- ing hard				17 06 E	38 00 S	55	46	26	
Cloudy and cloudy	S W by S to W N W fr sh	80 60 00 S		19 10 E	37 41 S	45	39	27		
Fair and new. a cloud.	W N W to N W by N moderate		21 23 W	41 33 E	37 45 S	37	31	28		
Variable	N W to S W e. fine			23 32 E	37 47 S	36	25	29		
Cloud Weather	W S W to SE by S small		22 27 W	23 57 E	37 30 S	33	23	30		
Cloudy and cloudy	N NE to E small			24 24 E	37 58 S	43	33		May 1	
Cloudy	N E by E to N by E easie			24 30 W	37 00 E	38 16 S	45	32	2	
Cloudy and Squally	N E by N to N N W fresh				29 40 E	38 47 S	40	32	3	
Fair and cloudy	N N W to N W fresh				33 20 E	38 50 S	31 $\frac{1}{2}$	30		
Variable and Equally	N W to S W f. sh	7 60 00 S			30 20 E	38 43 S	37	27	5	
Variable and Squally	N W to S W				39 54 E	38 35 S	45 $\frac{1}{2}$	38 $\frac{1}{2}$	6	
Fair Weather	W N W to S W mo- derate	8 69 00 S			42 07 E	38 17 S	45 $\frac{1}{2}$	30 $\frac{1}{2}$	7	
Variable	W N W to S W by W fr sh			24 20 W	45 51 E	37 49 S	53	46 $\frac{1}{2}$	8	
Variable	W S W and W N W fresh				49 19 E	38 40 S	40	35	9	
Variable	W by N to N W by W fresh	8 72 00 S	24 00 W	52 41 E	38 30 S	39	32	10		
Moderate with some Rain	W N W and W f. sh				56 08 E	38 09 S	46	35	11	
The same	W to S W easie				58 16 E	37 25 S	42	32	12	
Cloudy Weather	S W to N E small		20 48 W	59 11 E	37 25 S	47 $\frac{1}{2}$	33 $\frac{1}{2}$	13		
Fair and pleasant	W N W to N W by N small	8 75 00 S	20 00 W	60 54 E	37 10 S	45 $\frac{1}{2}$	34	14		
Variable	W N W to S W fine G. es			19 00 W	63 29 E	37 13 S	38 $\frac{1}{2}$	30	15	
Cloudy and hazy with Rain	S W to W N W e. fi	6 70 00 S	18 43 W	65 04 E	36 53 S	41	34	16		
Variable	W N W to N W f. eff.			17 40 W	68 14 E	36 48 S	36 $\frac{1}{2}$	33	17	
Fair and cloudy	W N W and W by N f. e	8 68 00 S		71 12 E	30 56 S	41	33	18		
Moderate	W N W and W f. sh				74 16 E	30 00 S	41	34 $\frac{1}{2}$	10	
The same	N W by W to W f. sh				70 39 E	35 01 S	34	31	20	
The same	W by S to N W. y N	8 68 00 S	4 28 W	78 32 E	34 07 S	37	32 $\frac{1}{2}$	21		
The same	N W by N and N W			14 00 W	81 05 E	33 07 S	5 $\frac{1}{2}$	23		
Variable	N W by N to N E			13 30 W	83 36 E	32 52 S	44 $\frac{1}{2}$	28 $\frac{1}{2}$	23	
Thick and Equally	N by E to W by S.				85 13 E	31 35 S	33	35	24	
Variable	S W to W N W	8 68 00 S			86 28 E	30 11 S	30 $\frac{1}{2}$	29 $\frac{1}{2}$	25	
Fair and pleasant	S W by W and S W by S			10 04 W	87 06 E	29 27 S	34 $\frac{1}{2}$	31	26	

Therm. Day of the Month.	Altitud below Ex- tream Heat.	Philos. Barom.	Latitude N. or S.	Longitud East from the Cape of Good Hope.	Needles E. or W.	In- clin. or De- pression of the N. or S. point under the Horizon	Winds.	Weather.
27	31	35	28 01	S 87 59 E		d f	S W to S E small	Fair
28	30	33	25 55	S 89 24 E	x 58 W		S E and S E by E	Variable
29	27	20	23 59	S 90 29 E			S E by E to S S E	Squally & Rainy with Thunder & Lightning
30	25	24	22 49	S 91 32 E	8 12 W	62 00 S	8 S E and S E by E	Variable
31	25	22	21 23	S 92 42 E	7 00 W		S E to S S E	Fair and serene
June 1	19	19	19 54	S 93 20 E	6 35 W		S E and S E by E	Fair and pleasant
2	17	17	18 02	S 94 10 E			S E by E and E S E	The same
3	14	13	16 30	S 94 55 E	4 40 W		S E by E and E S E	Fog lame
4	12	10	15 02	S 95 15 E	4 50 W	53 00 S	7 E by S to E by N	The lame
5	7 $\frac{1}{2}$	7	13 40	S 95 34 E	5 12 W	52 00 S	4 E by N to E by S	The same
6	5	3	13 01	S 95 42 E	5 20 W		E by N to E S E	The same
7	5	3	12 59	S 95 56 E	5 15 W		E by N to E S E	The same
8	5	3	12 26	S 96 17 E	4 42 W		E by N to E S E	The same
9	5 $\frac{1}{2}$	1	11 43	S 96 28 E	4 26 W		E S E to E N E	The same
10	5	1	11 10	S 96 34 E	3 52 W		E by N and E	The same
11	4	0	10 18	S 96 54 E	3 32 W		E by N to E S E	The same
12	5	1	8 45	S 97 31 E	3 26 W	46 00 S	6 E by S to E S E	The same
13	5 $\frac{1}{2}$	1	7 52	S 97 21 E	3 12 W		E by S to N N E	The same
14	4 $\frac{1}{2}$	0	7 23	S 95 50 E			E S E to N N E	The same
15	5	0	6 45	S 95 10 E			S S E to S E	The same
16	4	0					S S E S S W and calm	The same
17	2 $\frac{1}{2}$	0					S S W, S E and calm	The same
18	2	0					S E and E by S	The same
19	2	0					E N E and S E	The same
20	1	0					N E by E to S S E	The same
21	1	0		Longitude from Ba- tavia		40 00 S	3 N N E to S	The same
22	1 $\frac{1}{2}$	0			00 05 W		N to S S E	The same
23	4 $\frac{1}{2}$	0	5 27	S 00 47 E			N W by W and S W	The same
24	2	0	5 24	S 1 48 E			S by W and S E by E	Cloudy with some Rain
25	3	0	5 51	S 1 55 E			E S E to N E by E	Squally with Thunder Lightning and Rain
26	6 $\frac{1}{2}$	2 $\frac{1}{2}$	6 12	S 1 51 E		38 00 S	4 E S E to N E by E	Cloudy with Rain
27	5	0	6 10	S 1 59 E			Calm	The same
28	5	0	6 20	S 2 02 E			E by N to E S E small	Variable
29	5	0	6 21	S 2 18 E			E S E and S E small	Fair
30	5	0	6 29	S 2 33 E			Variable Breezes	Underway
July 1	4	0	6 44	S 2 43 E			E by S to N E by E	Fair with some Rain
2	4 $\frac{1}{2}$	0	6 39	S 2 55 E			N E by E, S E by E	Fair with some Rain
3	3 $\frac{1}{2}$	0	6 35	S 3 34 E			S E by E to S E by E	Fair and serene
4	3 $\frac{1}{2}$	0	6 30	S 3 49 E			N E to S S E	The same
5	5	0	6 35	S 3 49 E			N E by N to S E	The same

Weather.

(1644)

Weather.	Winds.	Needles Incl. or Depression of the Variations N. or S. point under the Horizon.	Needles E or W	Longitude East from N or S Batavia	Latitude	Philos. Altitud below Ex-stream Heat.	Altitud	Day of the Month
The fine	S E small	at.		1 07 E 0 12 S 2			8	6
The fine	S E by S. E			1 28 E 6 44 S 0			6	7
The fine	S E by E to ENE			1 43 E 6 22 S 0			6	8
The fine	E by S. E by N			5 13 E 6 28 S 1			6	9
The fine	E by E. E by N			5 37 E 6 50 S 3		8½	10	
The fine with some Rain	E NE to SSE			5 47 E 6 44 S 0		6	11	
Fair and fine	S by N to S E			6 05 E 6 23 S 4		5	12	
The fine	S E to E by S			6 17 E 6 05 S 0		3	13	
The fine with some Rain	S E to E S E			6 54 E 5 10 S 2		6	14	
Fair and cloudy	S E by S to E S E			7 09 E 4 20 S 0		4	15	
Fair and serene	S E by E to N E by E			7 27 E 4 08 S 0		3	16	
Fair and cloudy	E to S E and calm			At the base of Banjarmen	7 30 E 4 00 S 0	5	17	
Cloie and cloudy with Rain	E to S E by S small				7 30 E 4 00 S 4	8	18	
Cloie and clearing up	S E fresh				7 30 E 4 00 S 1	7½	19	
Fair and serene	S S E to S E	40 00 S			7 06 E 4 15 S 0	6	20	
Fair and cloudy	S E by S and S E				5 08 E 4 51 S 0	5	21	
The fine	S E by E to E by S				3 12 E 4 59 S 0	2½	22	
Cloie with some Rain	S by E to E by S				1 25 E 4 45 S 0	4	23	
Squally with Thunder	Variable				0 17 E 4 00 S 4	7	24	
Fair and cloie with Lightning	S to E by S	35. 00 S			0 13 E 4 01 S 0	5	25	
Fair and serene	E by S to S E by S				3 32 S 0	1½	26	
Variable	E N E to S by E			In the Straights	0	3	27	
Fair and serene	S E by S to S			of Bawea	0	5	28	
The fine	S E by E to S				1 59 S 0	4½	29	
The fine	S E to N N E	1 50 W	Longitude		0 31 S 0	4	30	
The fine	S S E to S E by S	31. 00 S	Impul:		1 25 N 0	4	31	
Fair and cloie	S S E to S by W		Condore		1 36 W 3 19 N 0	2½	Aug. 1	
Variable with Thunder and Lightning	S by W to S E				0 52 W 3 07 N 0	1	2	
Fair and cloie	Variable				0 25 W 6 04 N 0	1	3	
Fair and pleasant	S S W to S W by S				0 08 E 7 47 N 0	1	4	
Fair, cloie & hazy	W to SW				1 25 E 9 16 N 0	3½	5	
Fair and hazy	S W by W to W				3 07 E 10 14 N 0	2	6	
Fair and serene	S W by W to S W by S	13 5 30 S			4 33 E 12 04 N 0	1	7	
The fine	S W and S W by W	14 00 S			5 58 E 14 05 N 0	1	8	
Fair and cloudy	W by S to S W by S				7 02 E 16 15 N 0	1½	9	
Squally	Variable				7 20 E 18 14 N 0	2½	10	
Squally and much overcast	W S W to W NW blowing hard				7 12 E 19 49 N 0	1½	11	
Exit and close with some Rain	W S W to S S W moderate	1 2 30 S			7 02 E 21 17 N 0	5	12	

Dey

(1645)

Day of the Month	Therm. Altitud below Ex- trem Heat.	Philof. P. a. m. Altitud	Latitude N or S	Longitude East from Pulo Con- dore.	Needles Variation E. or W.	Needles In- clin. or De- pression of the N. or S. point under the Horizon.	Winds.	Weather.	
13	1 ¹ ₂	Extra Heat	21 58 N	7 36 E			diff.	S S W to S E by S small	Fair and serene
14	1 below	0	22 15 N	7 47 E		6 00 N	z	S E to N N E	Fair and pleasant with one Shower
15	1	0	22 18 N	8 09 E				E by N to N E by E	Fair and pleasant
16	0	0	22 32 N	8 43 E	1 20 W			Variable and calm	The same
17	1 ¹ ₂	0	23 10 N	9 40 E				W S W to S W east	Fair, with some drizzling Rain
18	1 ¹ ₂	0	23 32 N	10 04 E				Variable and small	Fair and serene
19	2 ¹ ₃	0	23 56 N	10 18 E				N to N E by N fresh	The same
20	4	0	24 11 N	10 28 E				N by E to N E by N	Fair and hazy
21	1	0	24 22 N	10 43 E		12 00 N	6	N E by E to N by E	The same
22	3	0	24 32 N	11 01 E				N E to N N E	The same
23	4 ¹ ₂	0	24 47 N	11 15 E				N E by E to N N E east	Fair and pleasant
24	6	0	24 56 N	11 28 E				E N E to N E by N fresh	Variable
25	5	0	25 09 N	11 38 E				E N E to N by E moderate	Fair and pleasant
26	6	0	25 09 N	12 08 E				N by E to N E by E	The same
27	5	0	25 07 N	12 20 E				E N E to N N E	The same
28	5	0	25 29 N	11 50 E				E by N to N N E	Variable
29	4	0	25 37 N	12 02 E				N E by E to N	Variable
30	3 ¹ ₂	0	25 49 N	11 47 E				N by E to N E by E fresh	Cold and Squally
31	2	0	26 02 N	11 53 E				N E by N to E by N	Variable
Sep. 1	1 ¹ ₂	0	26 05 N	11 56 E				N N E to N E by E	Fair and pleasant
2		At Croco duelland						N E small	The same with some Rain at night
3								N N E small	Fair and pleasant
4								N by E to N E	The same
5								N E moderate	Fair and cloudy
6								N E fresh at night SW blowing hard	The same, at night much Rain
7								N E fresh and mod- erate	Cloudy, with some Rain
8								N E moderate	Fair and pleasant, at times overcast
9	3	0	25 44 N	12 38 E				N E moderate	Fair and hazy
10	3 ¹ ₂	0	26 11 N	12 13 E				N E by N to N E by E	The same
11	5	0	26 11 N	12 47 E				N E to N N E	The same
12	4 ¹ ₂	0	26 22 N	12 37 E				N E by N to E by S small	Fair and pleasant
13	8 ¹ ₂	0	26 26 N	12 40 E				E N E to N E mode- rate	fair
14	6 ¹ ₃	0	26 37 N	12 59 E				N N E to E N E	fair, and cloudy

Weather.	Winds.	Needles Inclination, or Depression of the Variation N. or S. point under the Horizon.	Needles Variation E. or W.	Longitude East from Paris Condone.	Latitude N. or S.	Barom.	Altitude below Ex- tream	Therm. Heat.	Day of the Month.
Fair close and cloudy	N E by E to E by N			13. 11	E 27 05 N	5		15	
Fair and cloudy	E N E to N by W			14. 01	E 26 55 N	7		16	
The same	N to N E by E			14. 12	E 27 07 N	8		17	
Variable	N E to N by E			14. 13	E 27 26 N	10		18	
Fair	N by E to N E by E			14. 02	E 27 42 N	9		19	
Fair and cloudy	N E by E to N by E fresh			14. 25	E 27 46 N	7½		20	
Fair and pleasant	N E to N N E moderate			14. 25	E 28 03 N	12		21	
Fair with some Rain	N E by N to N by E			15. 31	E 27 49 N	15		22	
Fair and cloudy	N N E to N fresh			15. 01	E 27 51 N	17		23	
Fair and much overcast	N by W to N by E small			16. 26	E 27 53 N	14		24	
Fair and close	N by E to N E by N			15. 30	E 28 10 N	14		25	
Variable	N by E to E by N			15. 04	E 28 47 N	13½		26	
Fair and pleasant	N N E to N E by E	17 30 N		14. 49	E 29 06 N	13		27	
Fair and cloudy	N N E to N E			15. 09	E 28 55 N	15½		28	
Fair, sometimes close	N E by N			15. 09	E 29 02 N	15		29	
Fair pleasant and cloudy	Variable from S to E to NW			15. 19	E 29 43 N	17		30	
Fair and close	W N W to N E by E			14. 55	E 29 56 N				Octob.
Thick and foggy with Rain	N N W and N small			14. 55	E 29 56 N			2	
Variable, forenoon tempest	N N W to NW small								3
Variable	N to N E moderate								4
Fair and cloudy	N N W to NW blowing fresh								5
Fair and serene	Forenoon calm, after noon S E fresh								6
Cloudy with Rain	N N E to N E moderate								7
Cloudy and overcast	N to N N W								8
Cloudy and hazy with Rain	N by W to N E								
Cloudy and rain	N E to S E moderate			14. 55	E 29 56 N	20	20	10	
Fair and serene	S E to S W small			14. 20	E 30 25 N	19	12	11	
The same	S W small	A Chulan	14. 20	E 30 25 N	15	17	12		
Fair and cloudy	N N E to N E					32	25	13	
Fair and cloudy	N E moderate					30	24	14	
Fair and cloudy	N small					28	22	15	
Cloudy with some Rain	N E to E moderate					26	25	16	
Thick and hazy with Rain	S E small					14	16	17	
Thick and hazy with much Rain	S E moderate					13	15	18	

Therm. Day of the Month.	Altitud below Extrem Heat.	Pi i.of. Barom. Altitud	L ^t itude N or S	Longitud Pulo from Condore.	Needles Variation E or W	Needles In- clint. or De- pression of the N or S point	Winds.	Weather.
19	23 $\frac{1}{2}$	32					NE small	Fair and cloudy
20	24	30					N N E to E N E	The same
21	24	29					N N E to S E	Cloudy with some Rain
22	25	30					N to N W fresh	Fair and cloudy
23	26	30					N by W to W N W small	Fair and pleasant
24	27 $\frac{1}{2}$	32					S and S S E small	The same
25	24	28					S E moderate	The same
26	22 $\frac{1}{2}$	26					S E to S by E moderate	The same
27	20	27					N W to N by W moderate	Cloudy with some Rain
28	36 $\frac{1}{2}$	45					N W small, sometimes fresh	Thick and hazy with Rain
29	45	58					N W to N moderate	The same
30	40	59					N N W to N by E small	Fair and cloudy
31	47	65					N W small	The same

Note 1. That the Altitude of the Spirits in the Thermometer and Philosophical Barometer was commonly taken at Noon.

Note 2. That the account of the Winds and Weather at Sea, is from Noon to Noon.

Note 3. That the middle Inclination of the Dipping Needle is set down with the difference also which was made, as either side of the Compas was turn'd East or West: Which difference at first was not taken notice of. From whence this difference should arise, I cannot determine, the Compas seeming to be justly pois'd and equally divided.

For the few Chasmata in the Columns of the Thermometer and Barometer, there needs no other Apology, than that I was not on board to take an account of them my self.